

aluminum extruded

ECONO-RAIL[®]

QUALITY RAILINGS



NB
NB

NEWMAN BROTHERS INC.

CENTER HILL AVE.

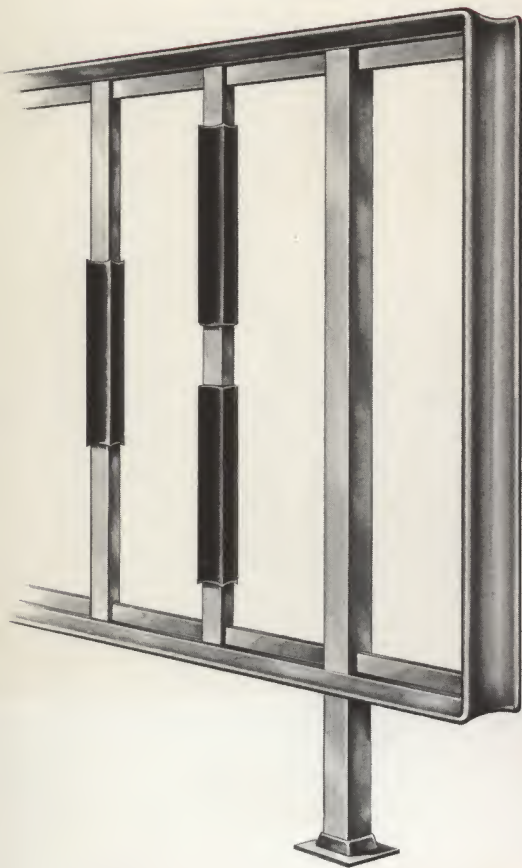
CINCINNATI, OHIO 45216

SINCE 1882

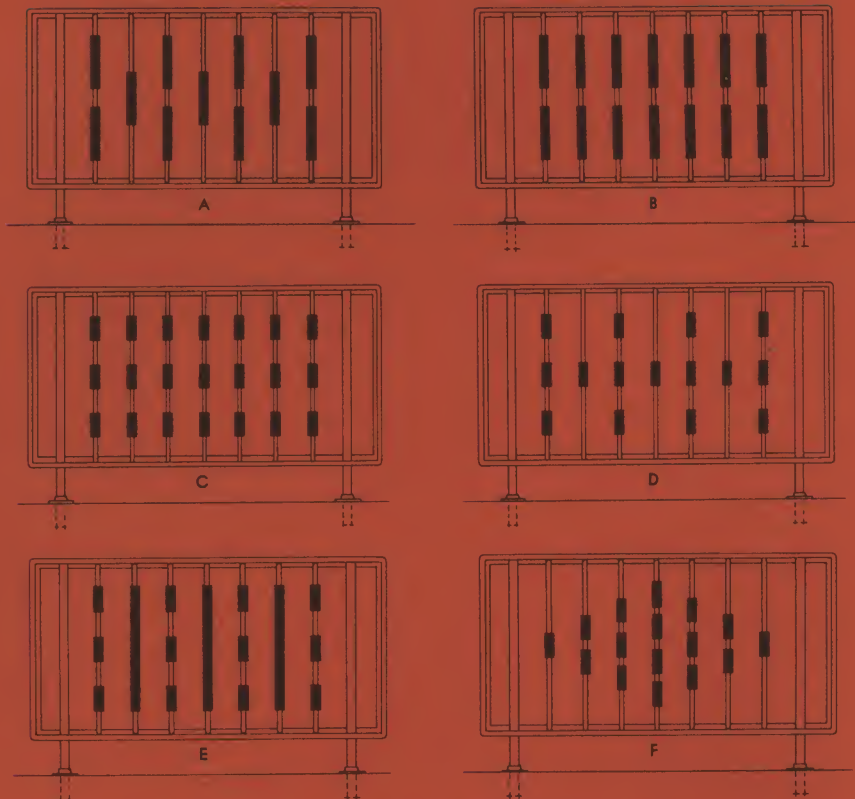
BEAUTY • ECONOMY • STRENGTH

ECONO-RAIL DECOR-GRILLES

by Newman Brothers, Inc.,

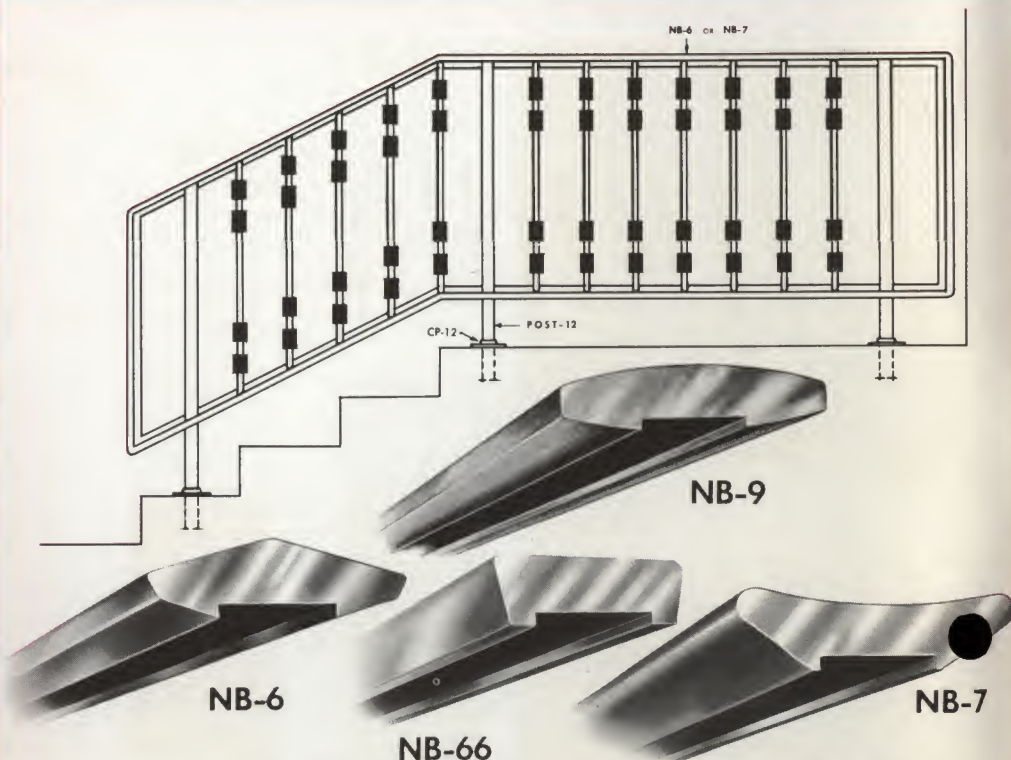
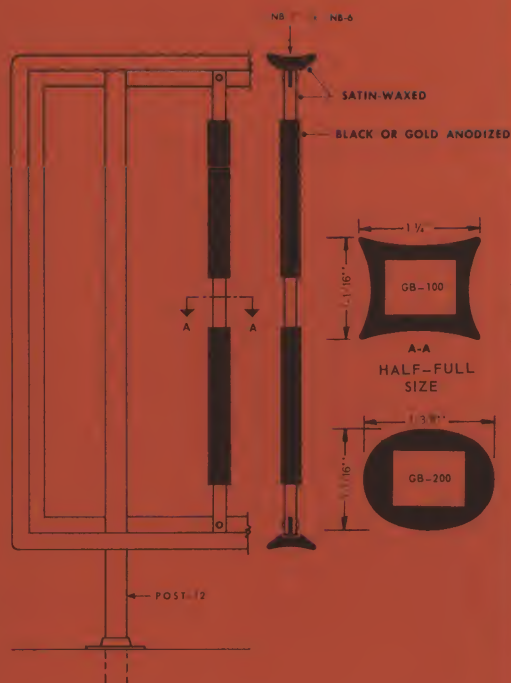


SUGGESTED APPLICATIONS



"CUSTOM-BUILT" GRILLES AT A "STANDARD" GRILLE PRICE.

DECOR-GRILLE shapes GB-100 and GB-200 can be cut to any desired length and positioned on the vertical bars to suit individual taste or design.



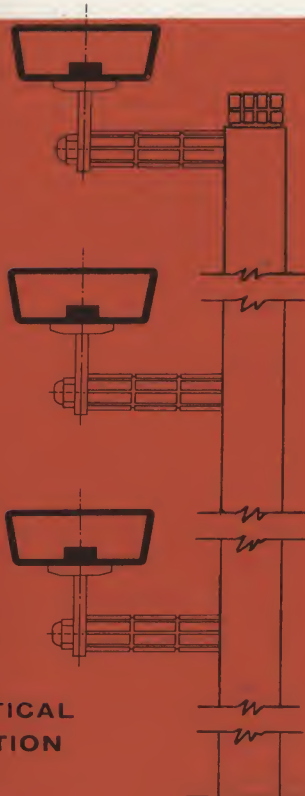
OPTIONAL HORIZONTAL RAILS

SEE FULL SIZE DETAILS — PG. 14 & 15

POST
120
WITH INSERT

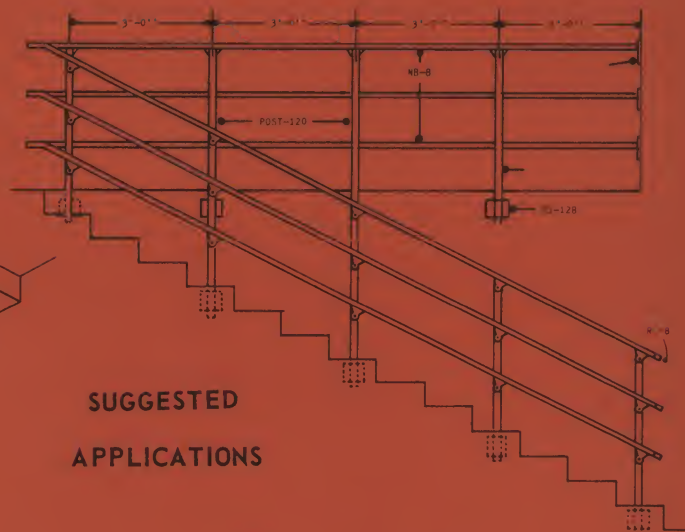
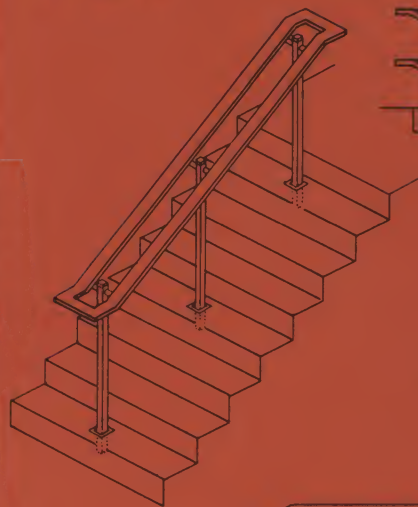
120

WITH INSERT



VERTICAL SECTION

SCALE. 3' = 1'-0"



SUGGESTED APPLICATIONS

OPTIONAL HORIZONTAL RAILS

SEE FULL SIZE DETAILS—PG. 14. & 15.



NB-11



NB-1

**NB-9**

NB-2



NB-7



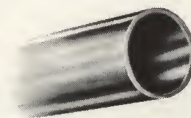
NB-8



NB-5



NB-6

**NB-22**

NB-175 (1 $\frac{3}{4}$ " O.D.)
NB-150 (1 $\frac{1}{2}$ " O.D.)

NB-150 (1½" O.D.)

**COMPLETE VERSATILITY . . . CHOICE OF EIGHT STRIP INSERTS ENABLES
MATCHING POSTS WITH ANY INTERIOR DESIGN**

FORMICA
ROYAL
WALNUT



FORMICA
CHEROKEE
MAHOGANY



FORMICA
CHERRY

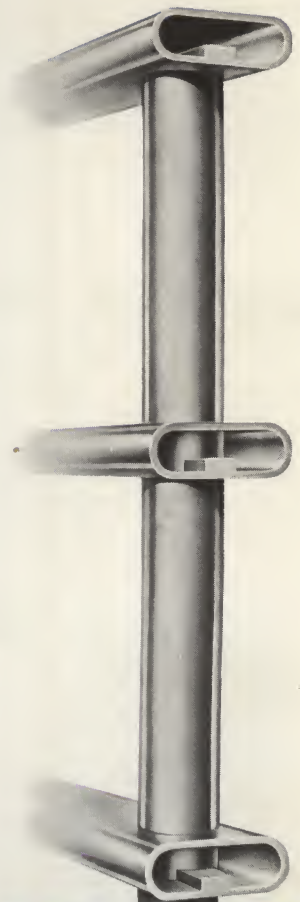
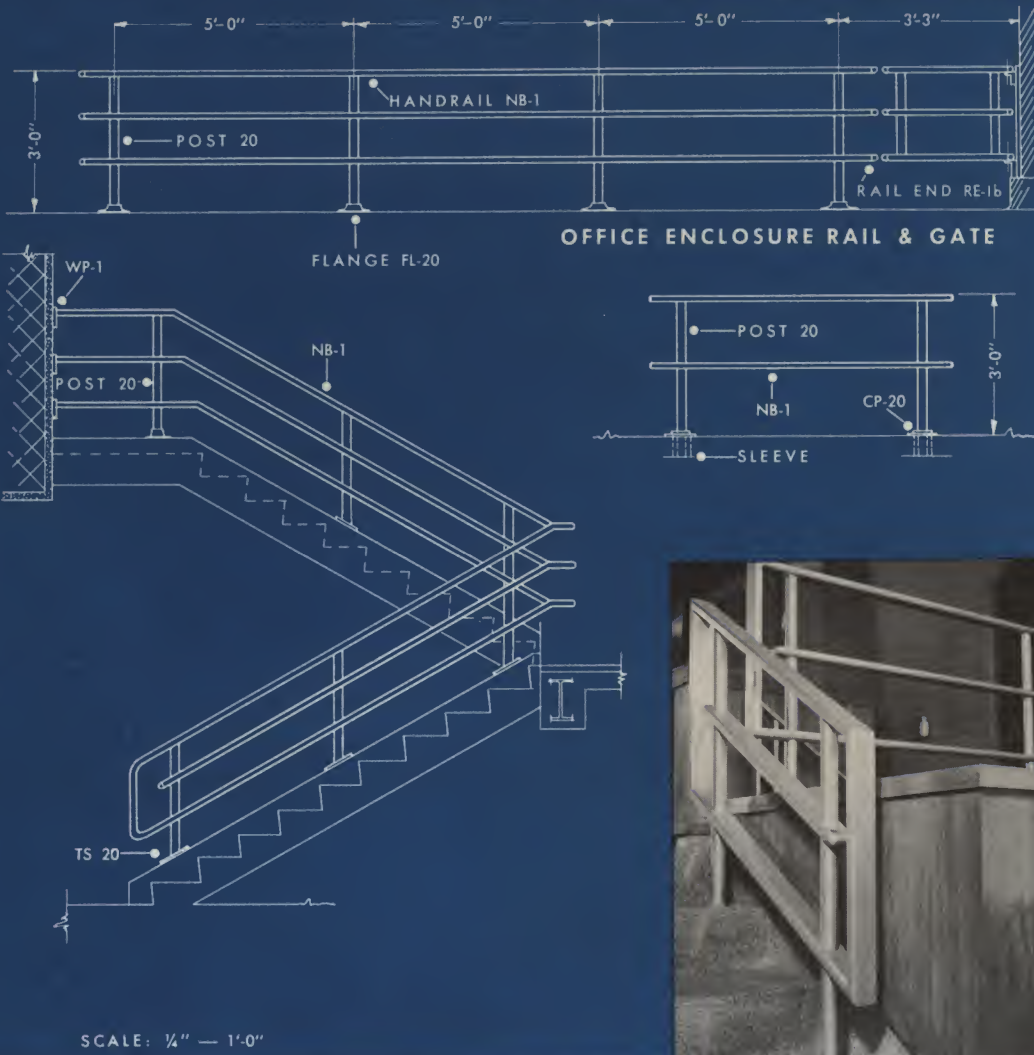


FORMICA
FROST
WALNUT



**NOTE:
INSERT STRIPS CAN
ALSO BE FURNISHED
IN ANY OF THE
STANDARD
PATTERNED
ALUMINUM SHEETS.**

SUGGESTED APPLICATIONS

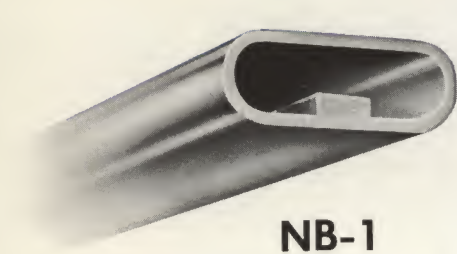


POST 20
(2" O.D.)

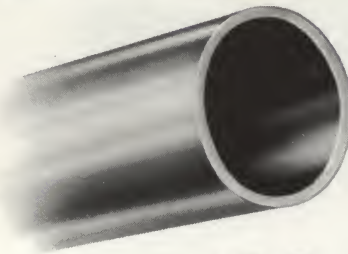
POST 17
(1 3/4" O.D.)

OPTIONAL HORIZONTAL RAILS

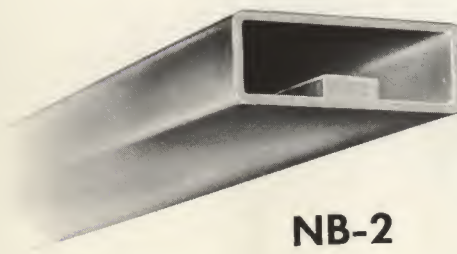
SEE FULL SIZE DETAILS — PG. 14 & 15



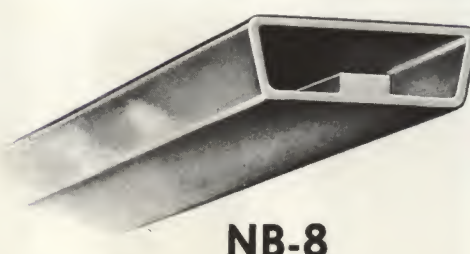
NB-1



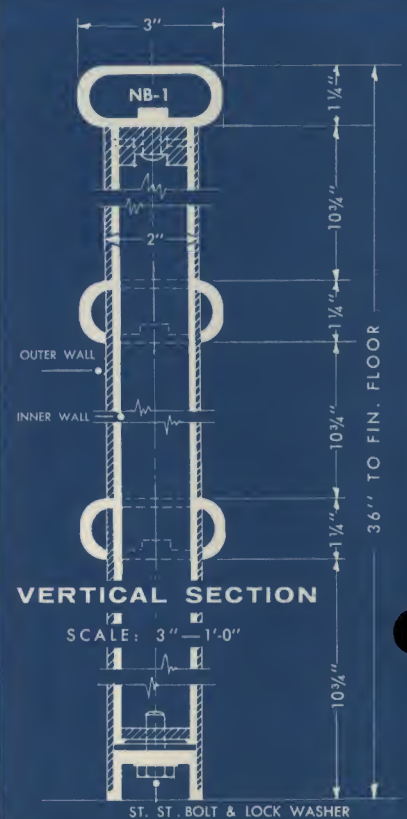
NB-3



NB-2

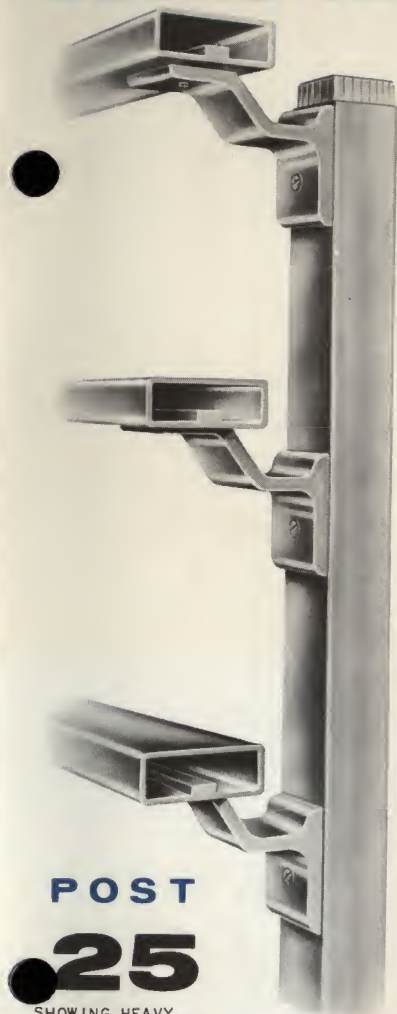


NB-8



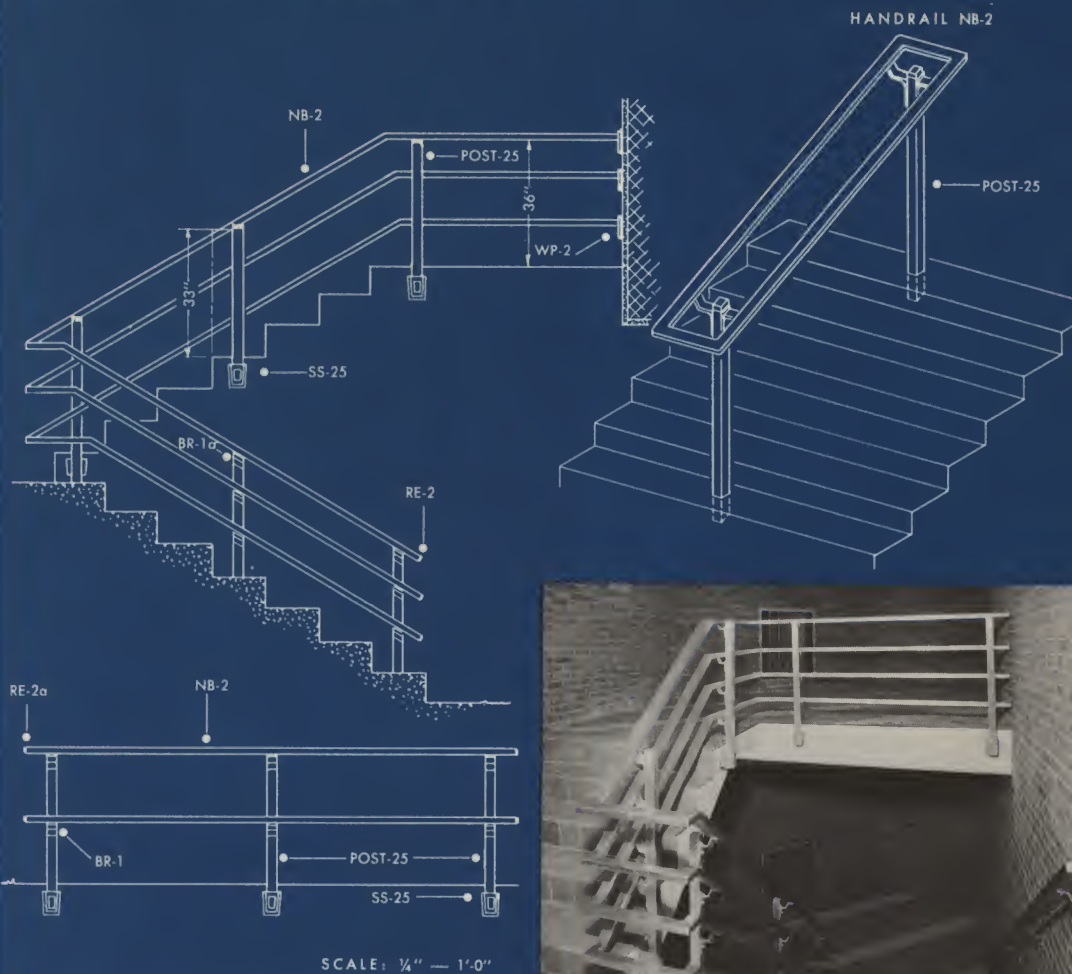
ECONO-RAIL®

SUGGESTED APPLICATIONS



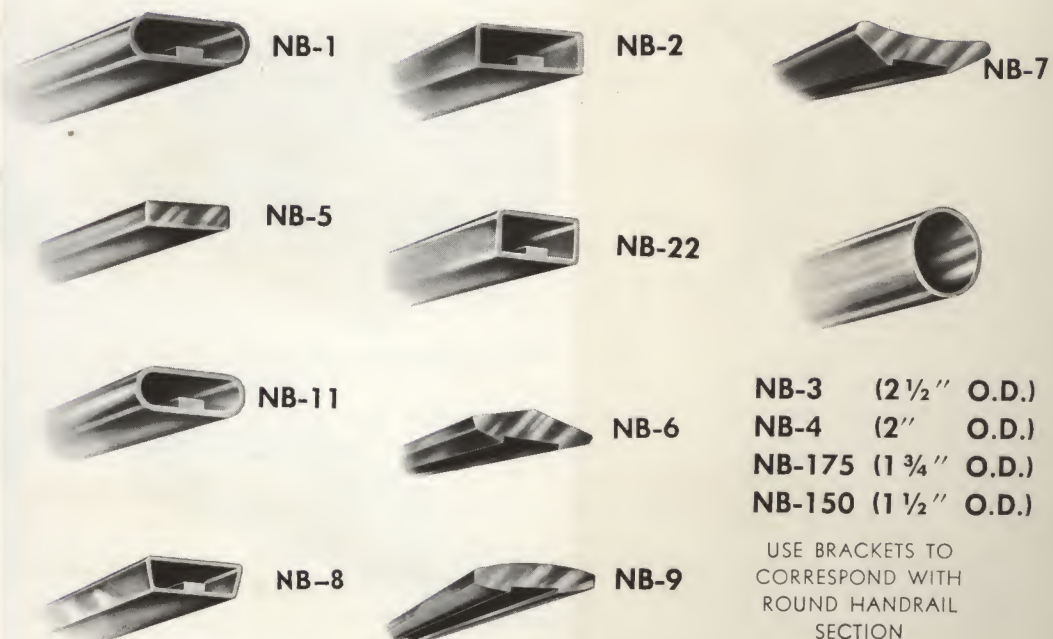
POST
25

SHOWING HEAVY
EXTRUDED BRACKET BR-1



OPTIONAL HORIZONTAL RAILS

SEE FULL SIZE DETAILS—PAGES 14 & 15



POST
25

SHOWING ADJUSTABLE
BRACKET BR-120

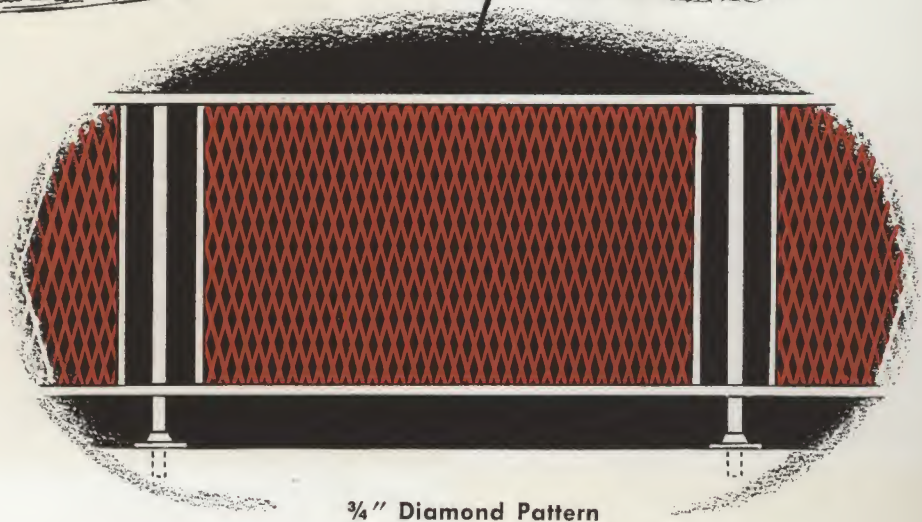
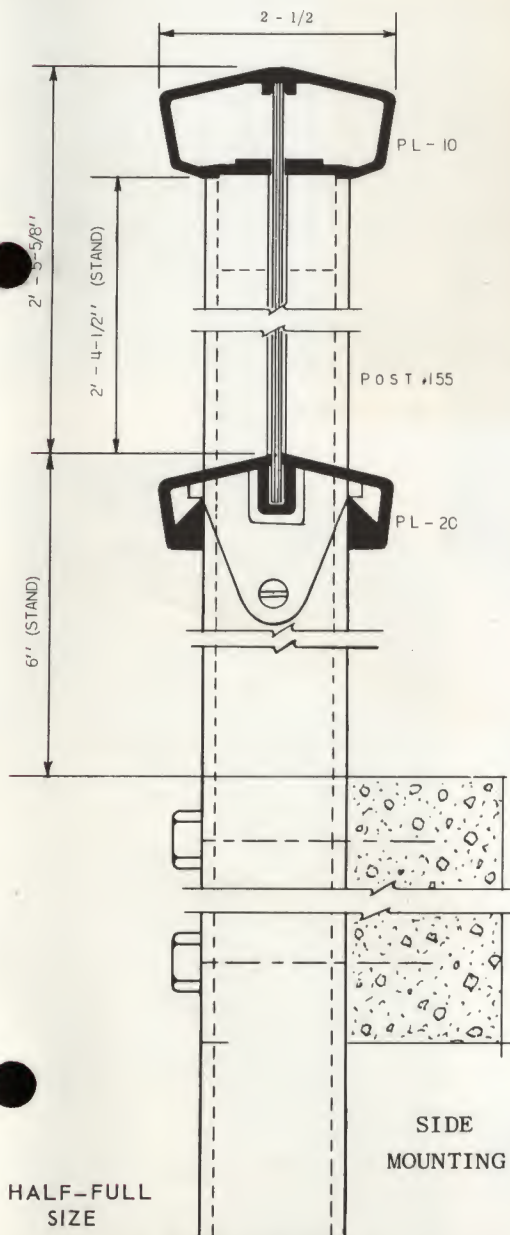
SEE DETAILS OF HANDRAIL BRACKETS ON PAGE 12

NEW - LOW COST....for balconies for terraces, for observation decks, for guard rails. You no longer have to resort to using iron rails because large quantities prohibits the use of aluminum.

PANL-RAILS are a unique combination of special aluminum extrusions and extra heavy steel panels which are epoxy-vinyl coated and guaranteed for a minimum of 5 years against fading, peeling, chipping!

PANL-RAIL®

by Newman Brothers, Inc.,



NEW! 3/4" CASCADE PATTERN

SCALE: 1 1/2" = 1'0"

PANL-RAIL

STANDARD SPECIFICATIONS

PANEL

MATERIAL • #9 or #10 ga. flattened expanded steel sheet.

COATING • Epoxy stabilized vinyl in one of eight standard colors.

RAIL

POST • 1 1/2" square .125 wall thickness

HANDRAILS • 2 1/2" x 1 1/8" special extrusions

ALLOY • 6063-T5 aluminum.

FINISH • Satin anodized

FASTENERS • 300 Series stainless steel.

MOUNTING

Sleeve and cover plate or side surface mounting.

ECONO-RAIL®

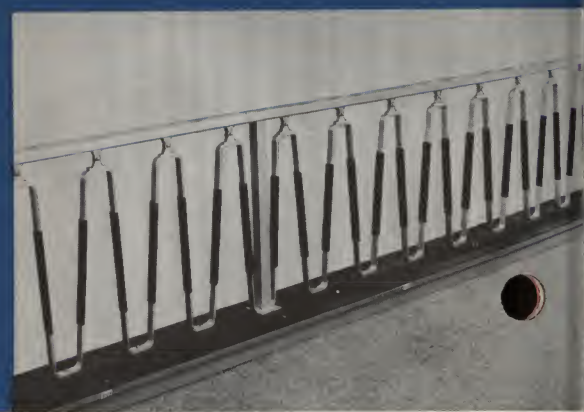
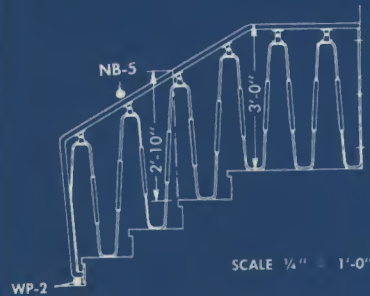
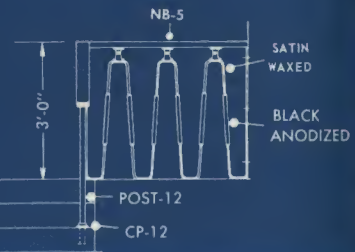
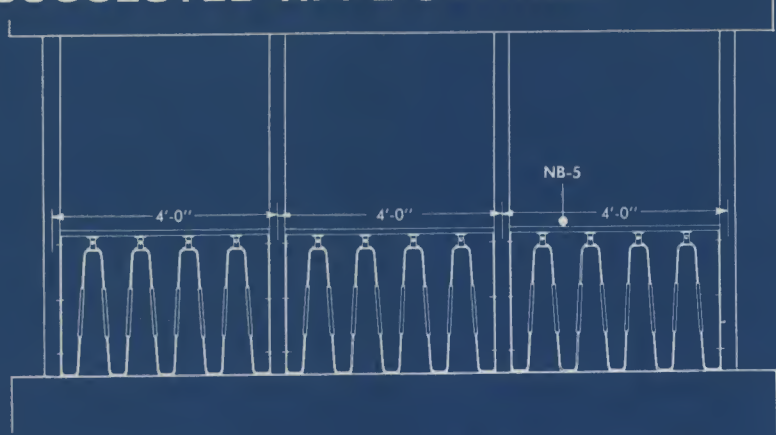


**RIBBON
BALUSTER**

125

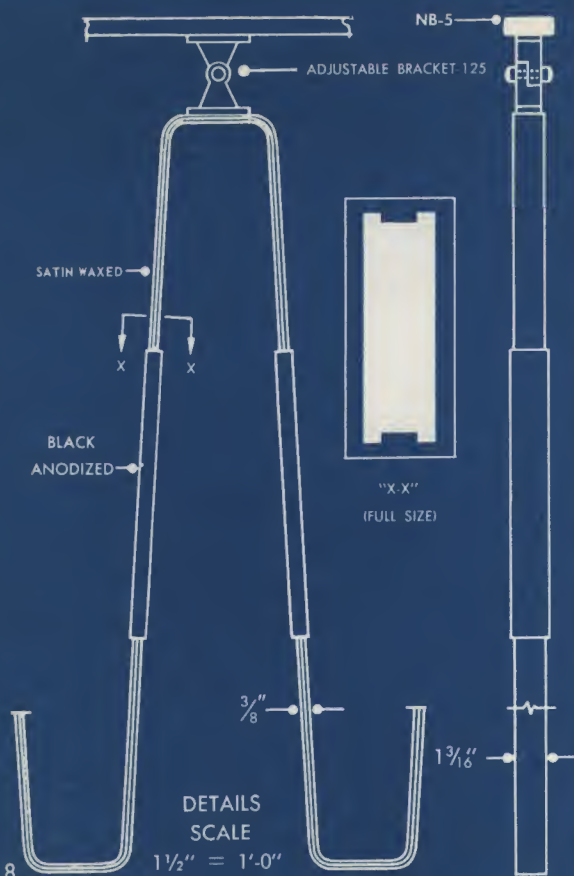
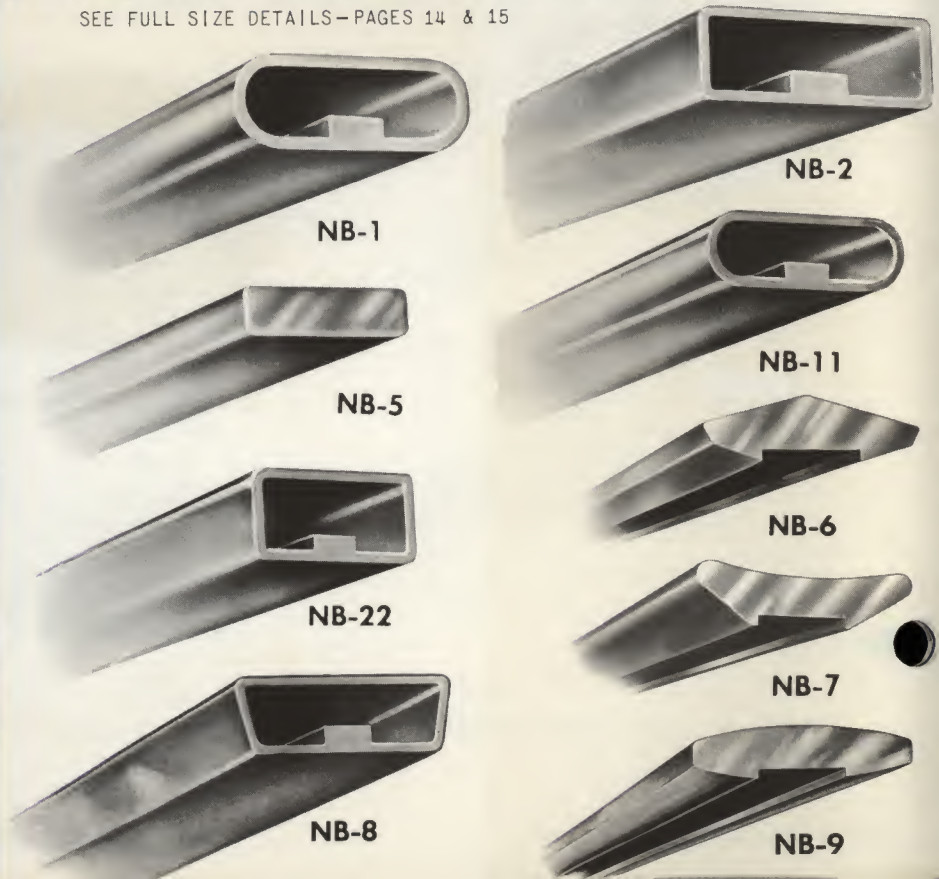
PAT. # 2,969,955

SUGGESTED APPLICATIONS



OPTIONAL HORIZONTAL RAILS

SEE FULL SIZE DETAILS—PAGES 14 & 15

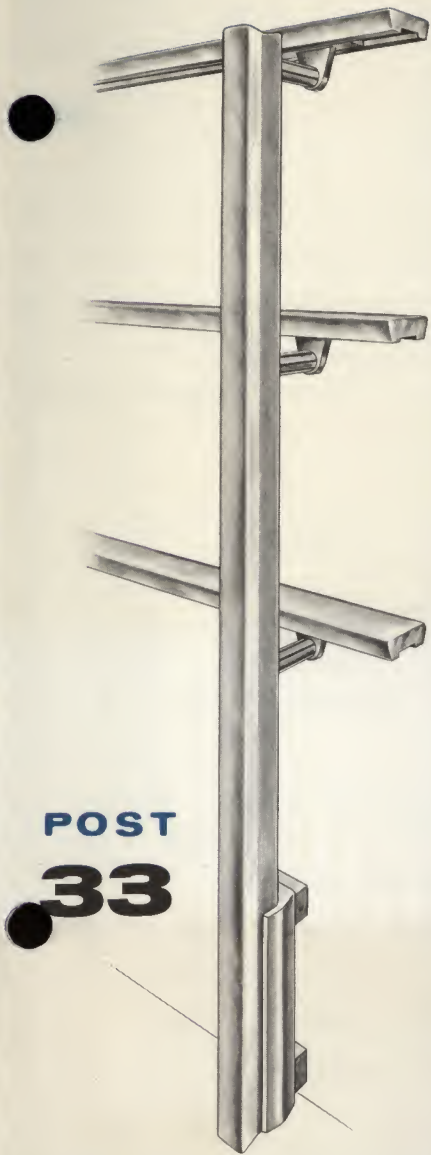


DETAILS
SCALE

1 1/2" = 1'-0"

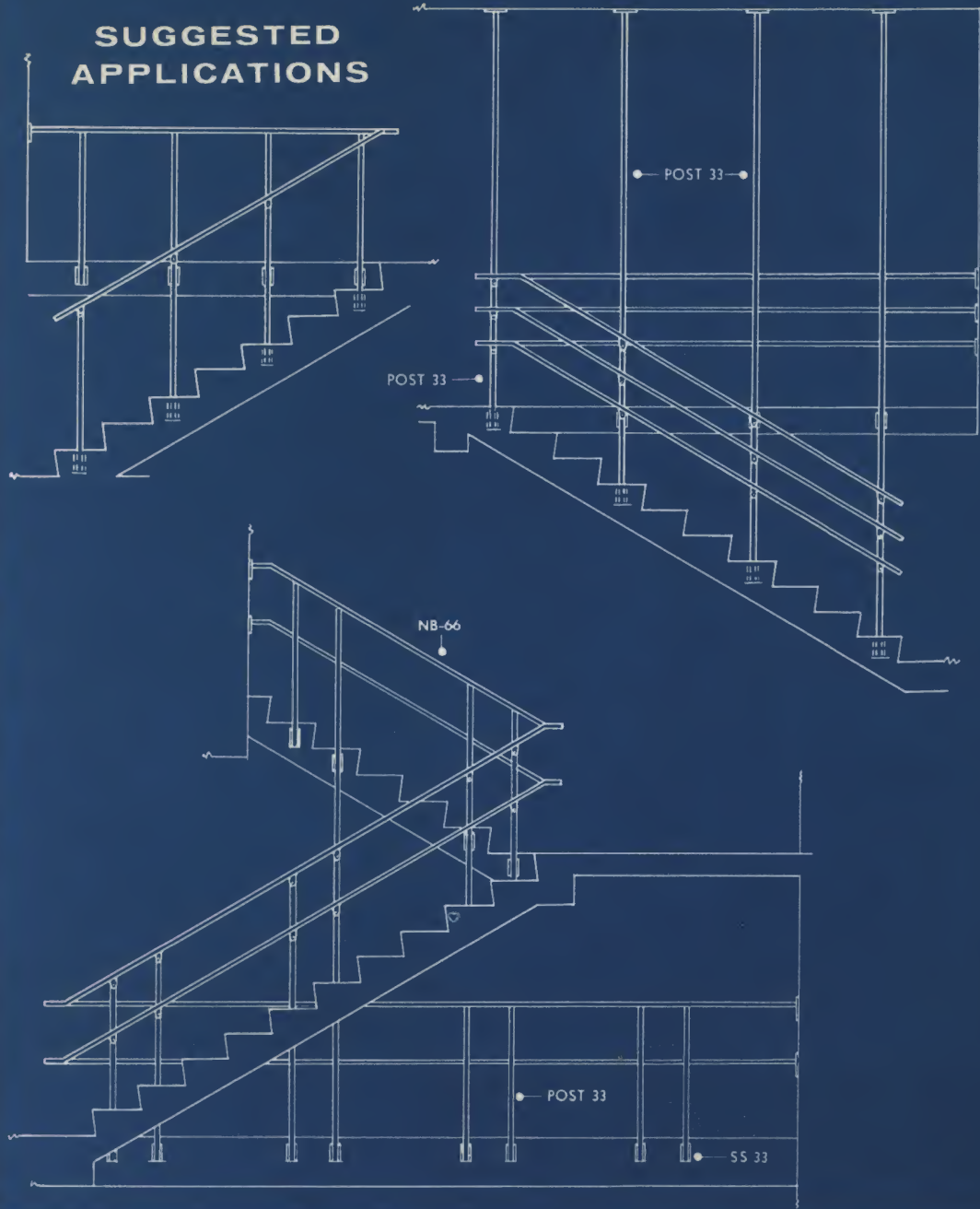
PATENTED U.S. & CANADA

ECONO-RAIL®

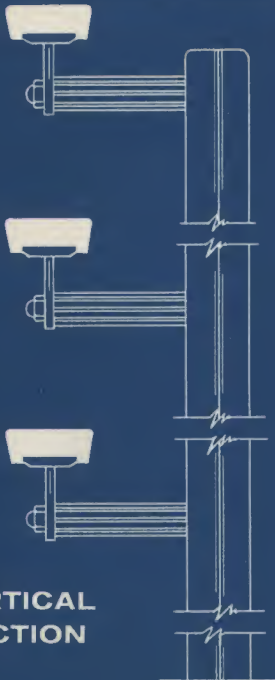


**POST
33**

SUGGESTED APPLICATIONS



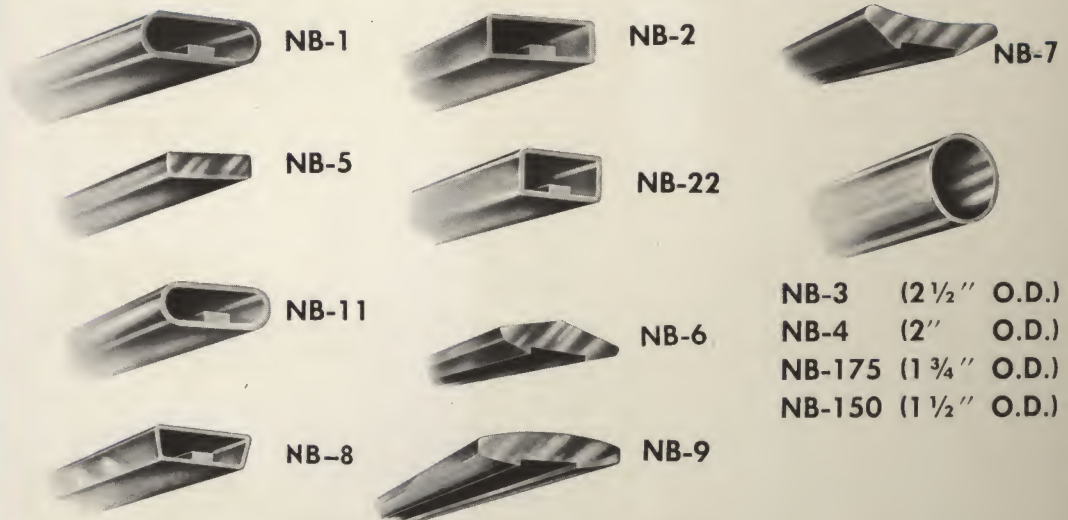
NB-66



**VERTICAL
SECTION**

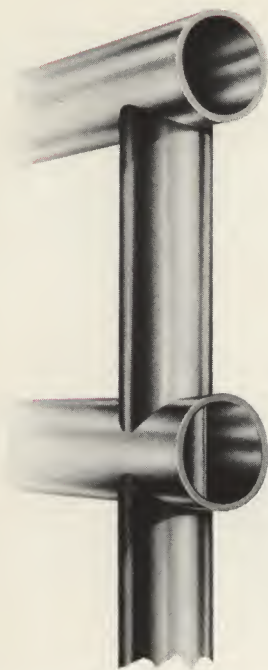
OPTIONAL HORIZONTAL RAILS

SEE FULL SIZE DETAILS—PAGES 14 & 15

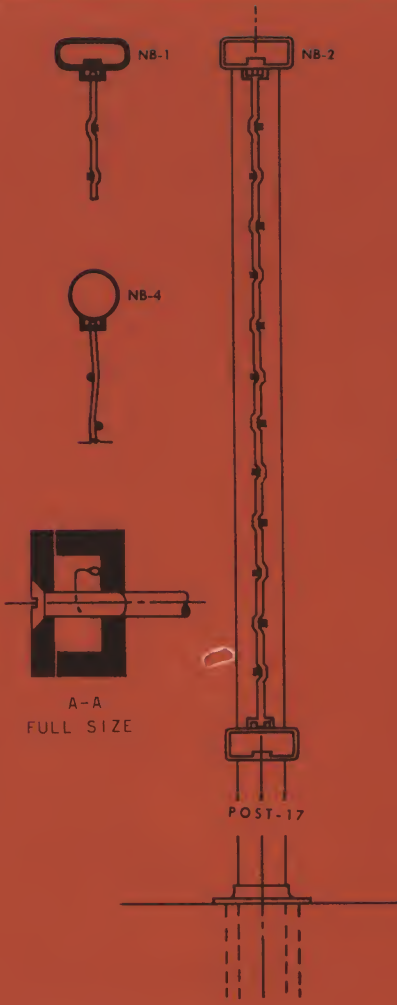
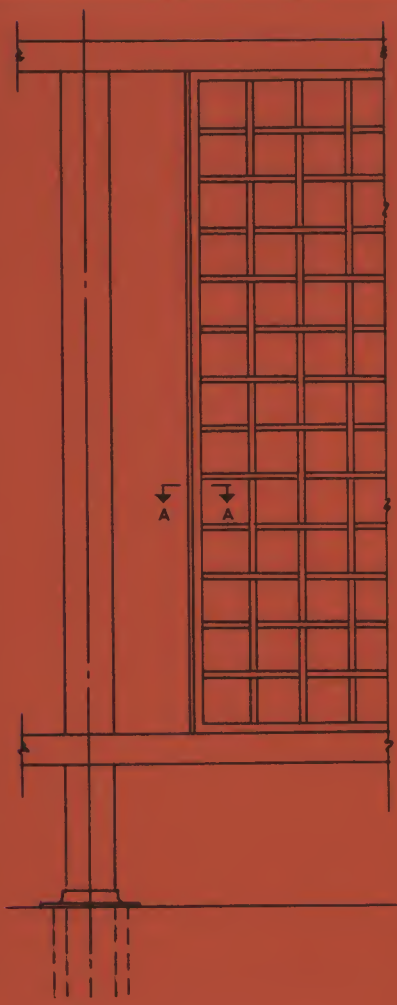
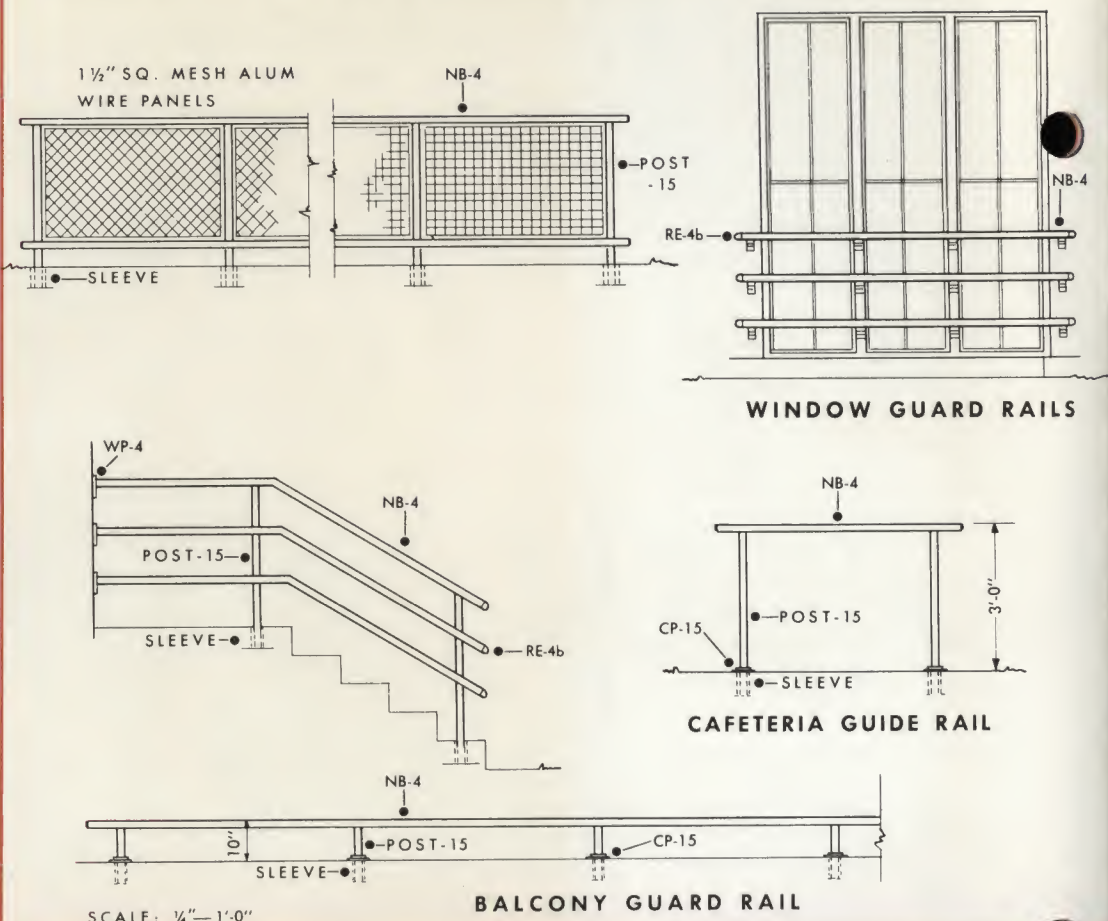


NB-3 (2 1/2" O.D.)
NB-4 (2" O.D.)
NB-175 (1 3/4" O.D.)
NB-150 (1 1/2" O.D.)

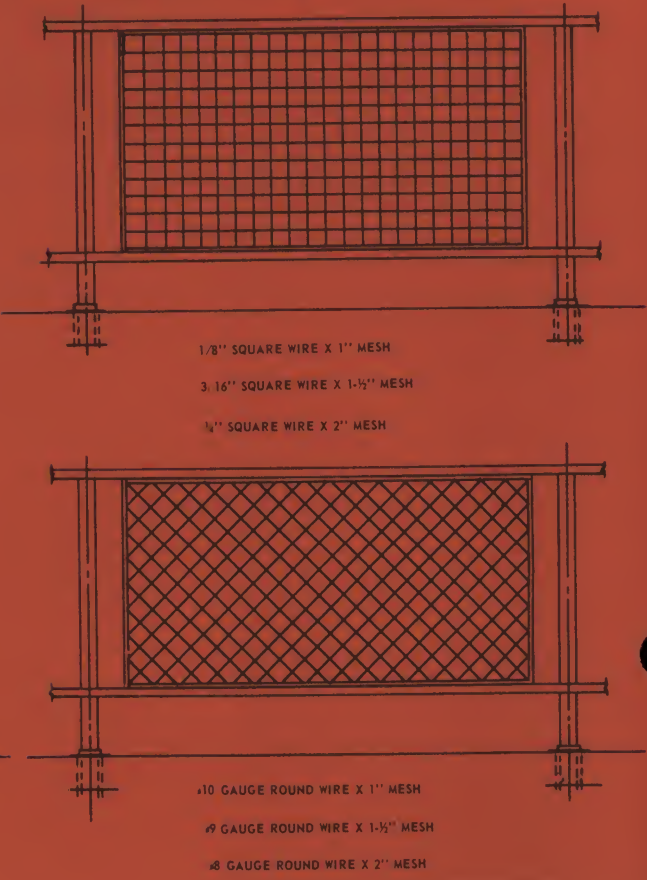
SEE DETAILS OF HANDRAIL BRACKETS ON PAGE 12



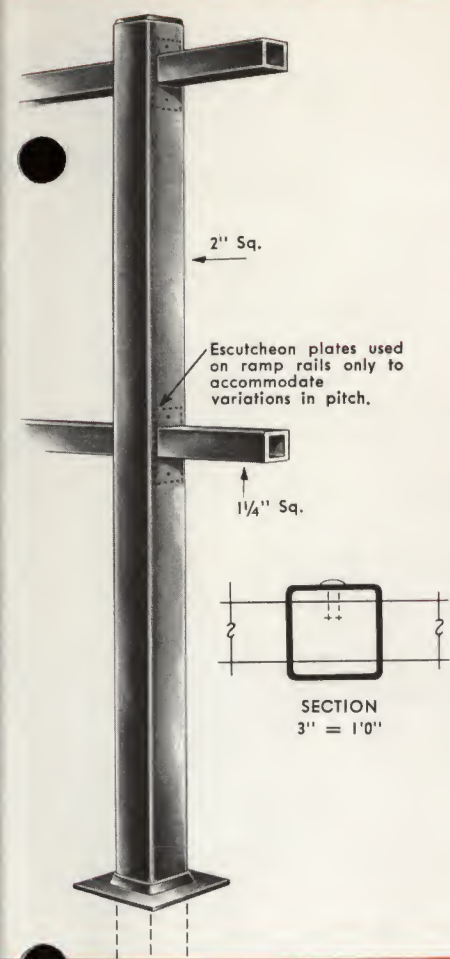
POST 15 (1 1/2" O.D.) POST 17 (1 3/4" O.D.)



ALUMINUM WIRE MESH PANELS
WHEN USED IN CONNECTION WITH STANDARD ECONO-RAILS.



ECONO-RAIL®

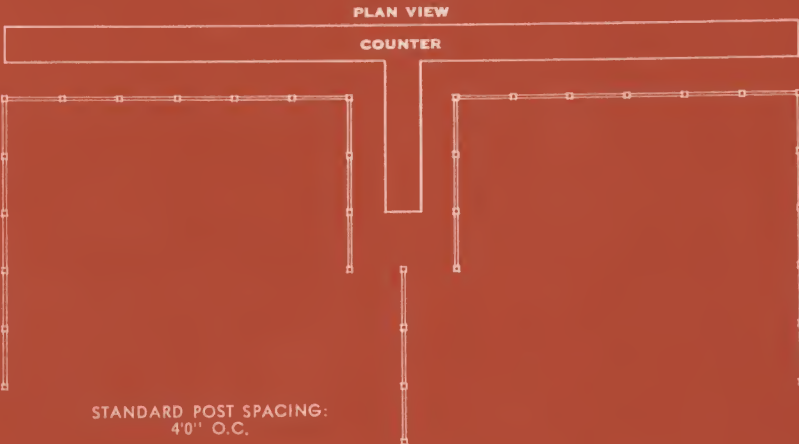


BUDGET-RAIL

BUDGET-RAIL is particularly suitable for traffic guide rails in lobbies and concourses of public buildings. Lowest cost — functional, pre-anodized aluminum railing on the market today.

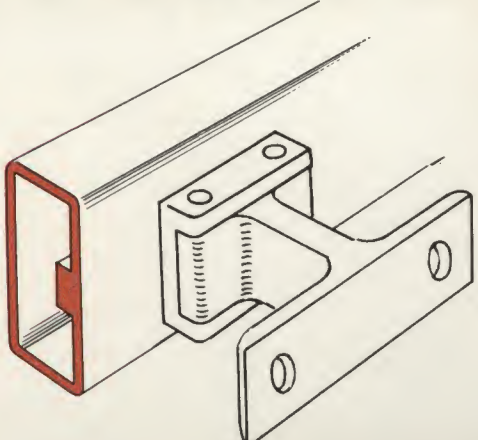
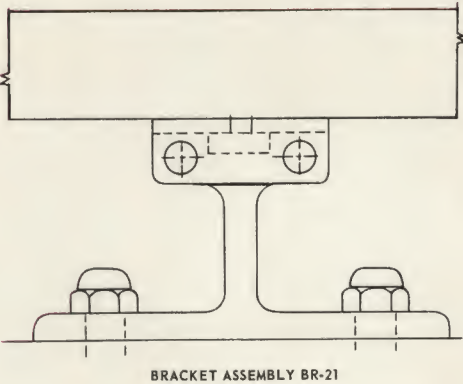
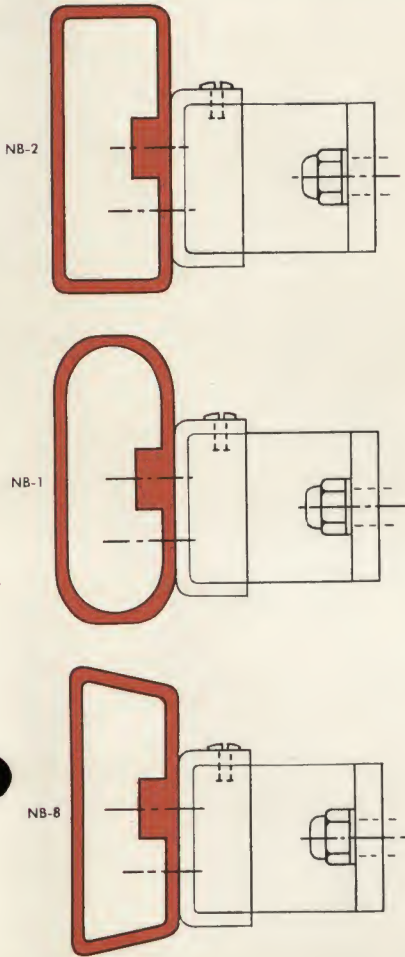
BUDGET-RAIL is specially designed for simple applications on level or ramp runs and right angle turns. Because of the manner in which it is fabricated, BUDGET-RAIL is NOT recommended for stair railings or for turns other than 90°.

TYPICAL APPLICATION



HOSPITAL CORRIDOR RAILS

by Newman Brothers, Inc.,

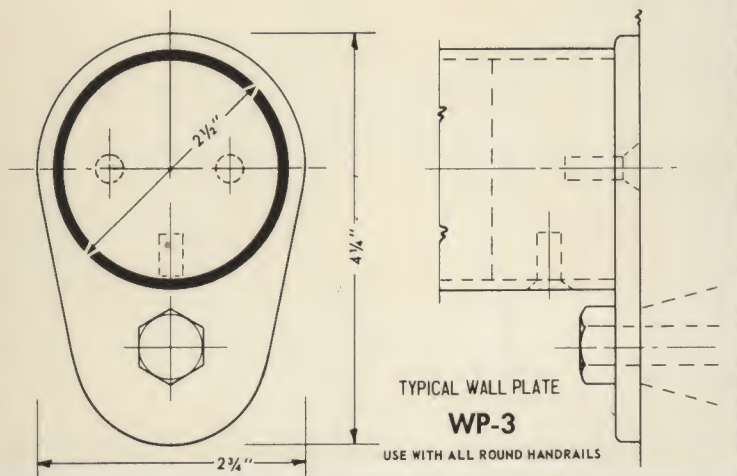
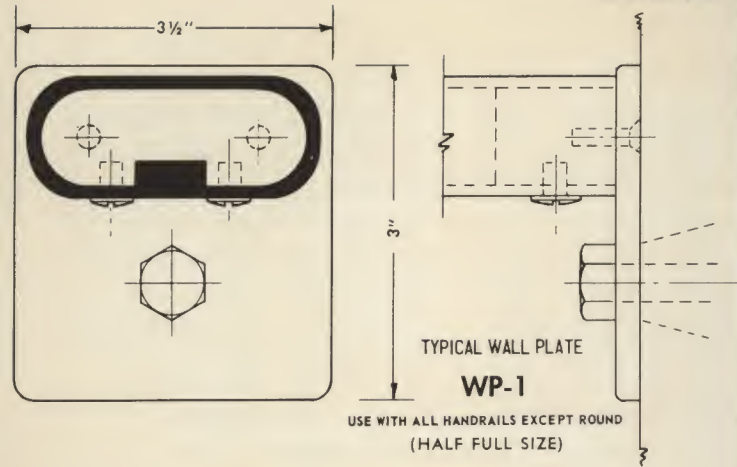


Econo-Rails in hospital halls have proved their value in saving nursing time previously required by patients who are being encouraged to ambulate. Econo-Rails also solve the problem of preventing wheeled equipment from marring the walls.

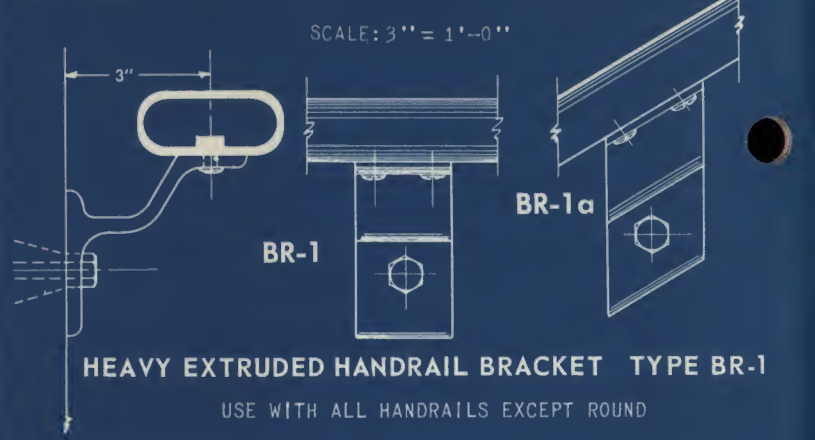


HANDRAIL

FITTINGS



TYPICAL SPLICE JOINTS



HEAVY EXTRUDED HANDRAIL BRACKET TYPE BR-1

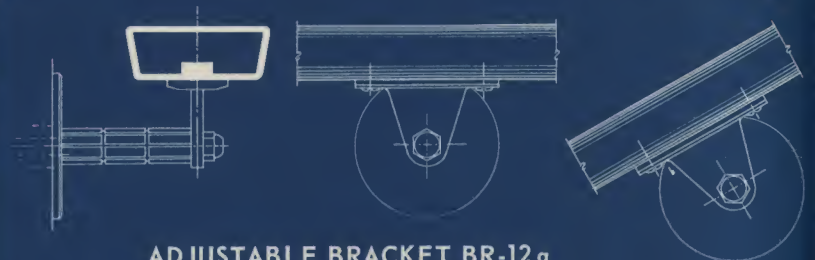
USE WITH ALL HANDRAILS EXCEPT ROUND



HEAVY EXTRUDED HANDRAIL BRACKET TYPE BR-3

USE WITH ALL ROUND HANDRAILS

(Specify which round handrail is to be used.)



ADJUSTABLE BRACKET BR-12a

USE BR-12 FOR ALL FLAT HAND RAILS

USE BR-12A (WITH ADAPTER) FOR ROUND RAILS

NOTE Brackets BR-1, BR-1a, BR-3, BR-3a are used with post #25 (for balustrades) or fastened to wall for wall rails. Brackets BR-12 and BR-12a are used with post #33, #120 and #25 (less wall escutcheons) or fastened to wall (as shown) for wall rails.

RAIL ENDS



RE-1b

USE WITH RAILS
NB-1 OR NB-11

RE-2

USE WITH RAILS
NB-2 OR NB-22

RE-4b

USE WITH RAILS NB-3, NB-175 OR NB-150

RE-7

USE WITH RAIL NB-7

RE-6

USE WITH RAIL NB-6

RE-8

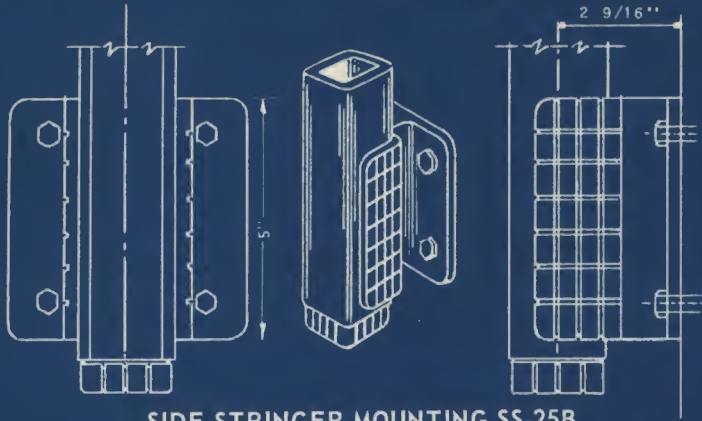
USE WITH
RAIL NB-8

RE-9

USE WITH
RAIL NB-9

POST FITTINGS

SCALE: 3" = 1'-0"



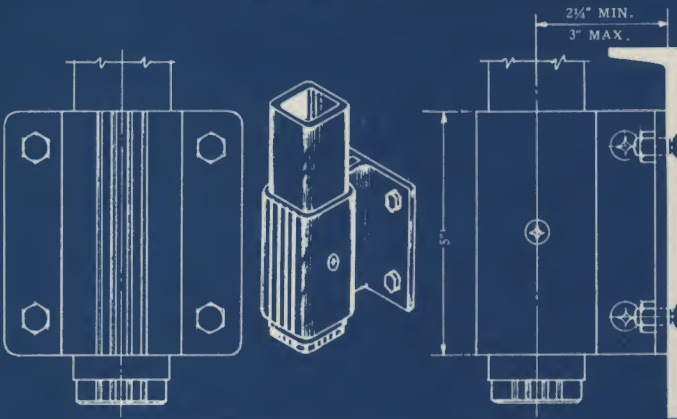
SIDE STRINGER MOUNTING SS-25B

USE WITH POST 25 ONLY



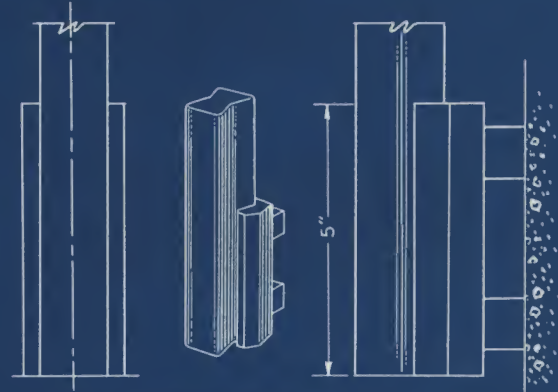
SIDE STRINGER MOUNTING SS-12B

USE WITH POST 12 OR 120 ONLY



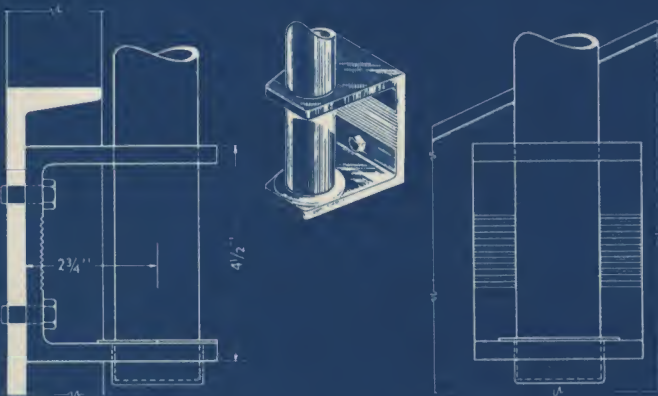
SIDE STRINGER MOUNTING SS-25A

USE WITH POST-25



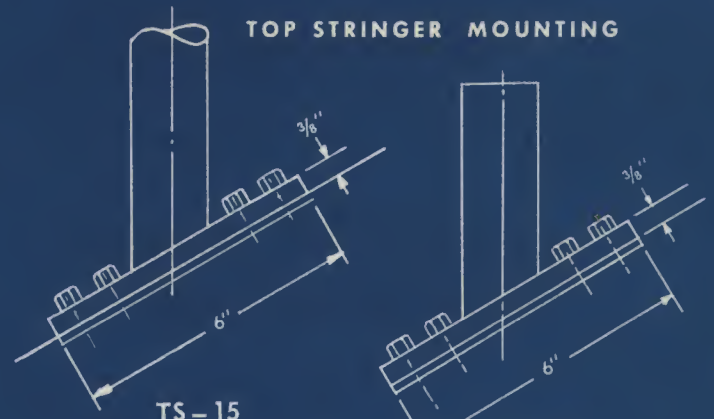
SIDE STRINGER MOUNTING SS-33

USE WITH POST 33 ONLY



SIDE STRINGER MOUNTING SS-17

USE WITH POST 15, 17 OR 155

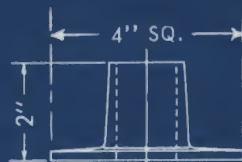


TS-15

USE WITH POST 15 ONLY

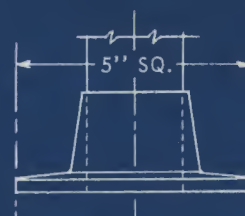
TS-12

USE WITH POST 12 ONLY



FL-12

USE WITH POST 12
OR 120 ONLY



FL-25

USE WITH POST 25 ONLY



FL-15, 17, 20

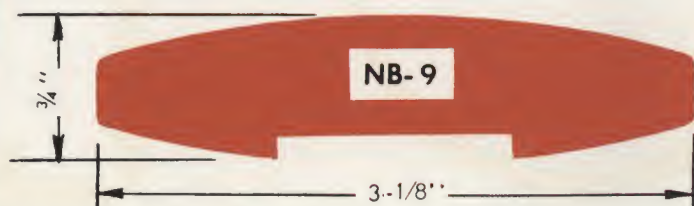
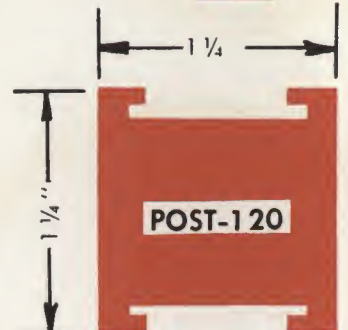
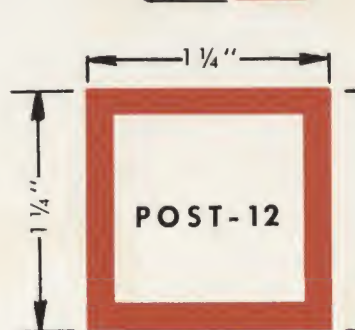
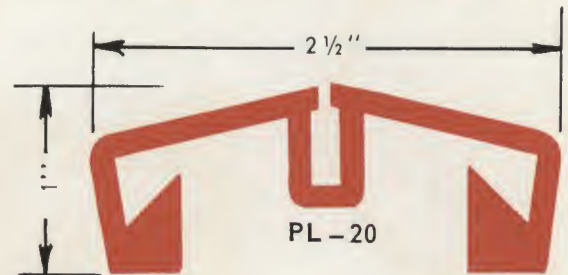
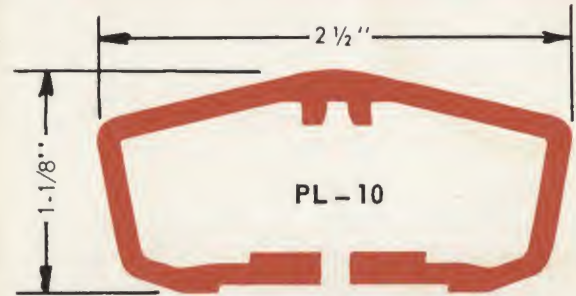
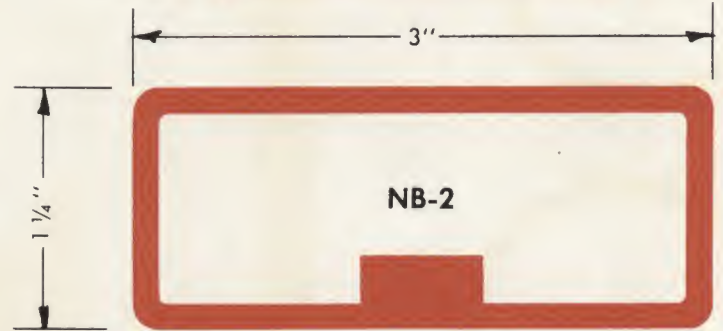
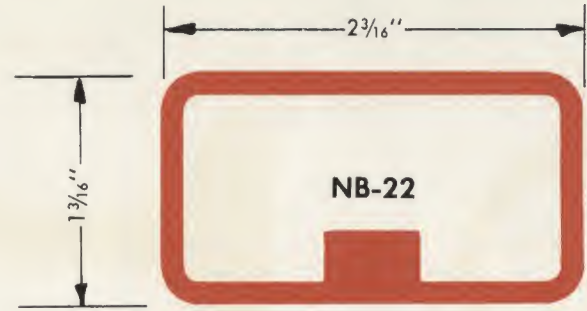
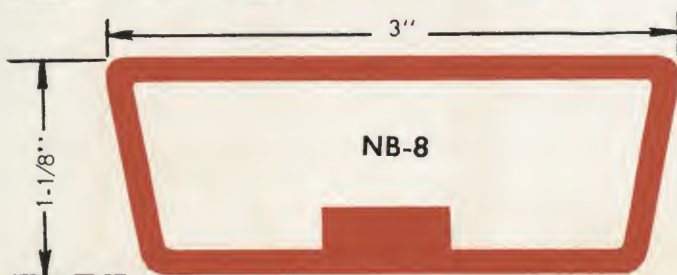
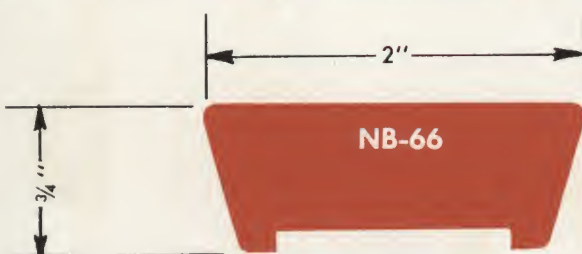
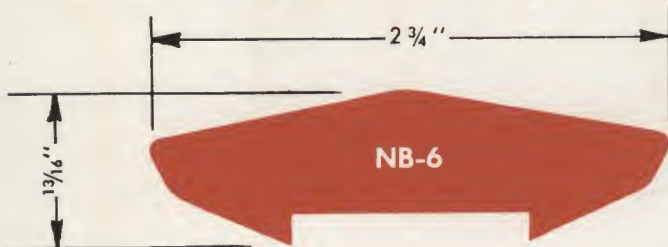
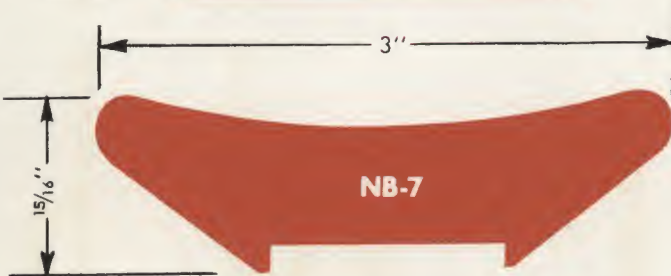
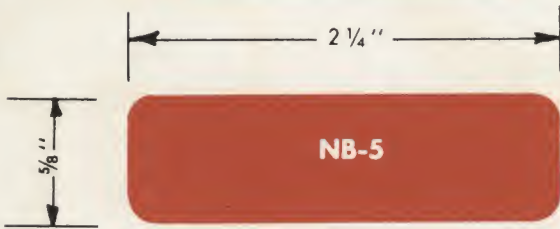
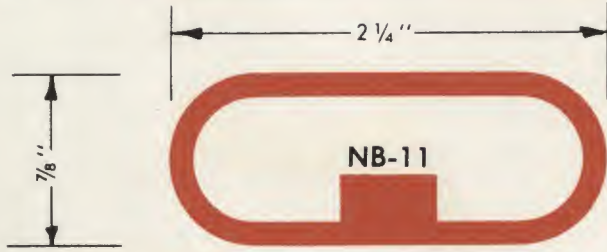
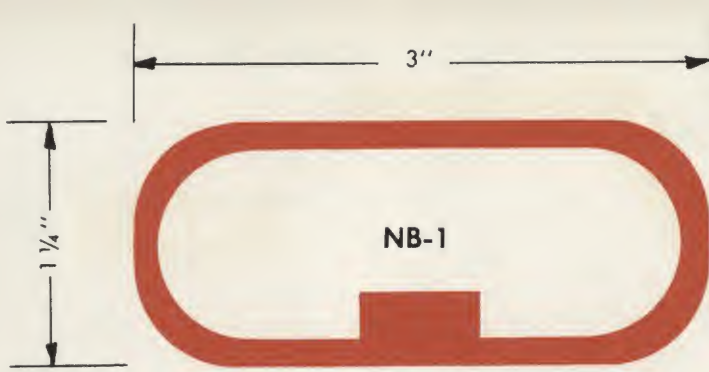
USE WITH POST 15, 17 OR 20

SLEEVE & COVER PLATE

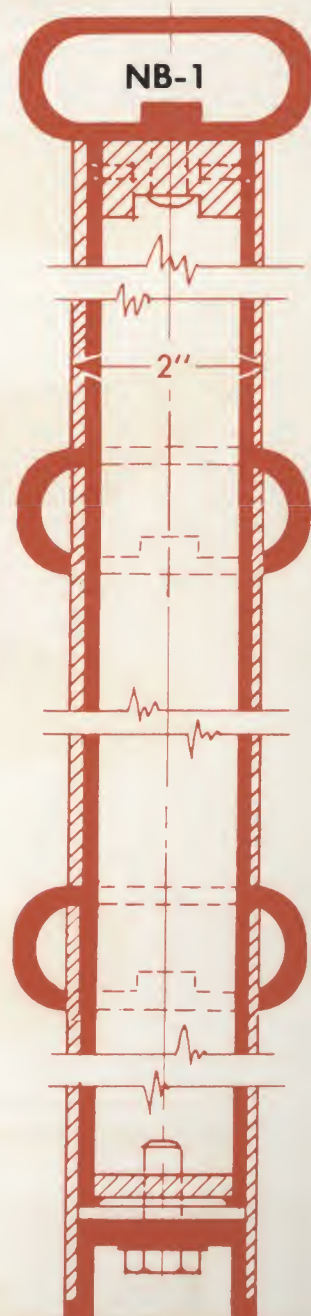
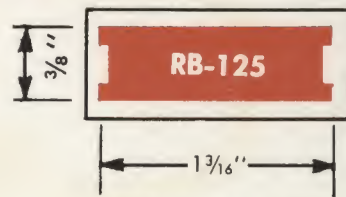
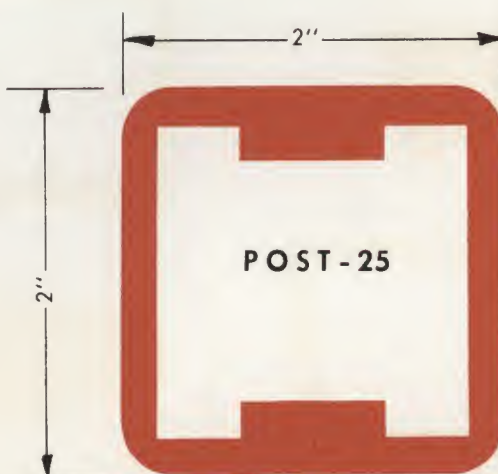
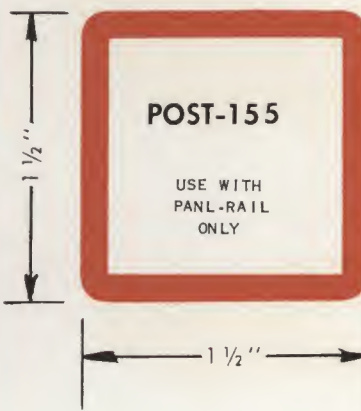
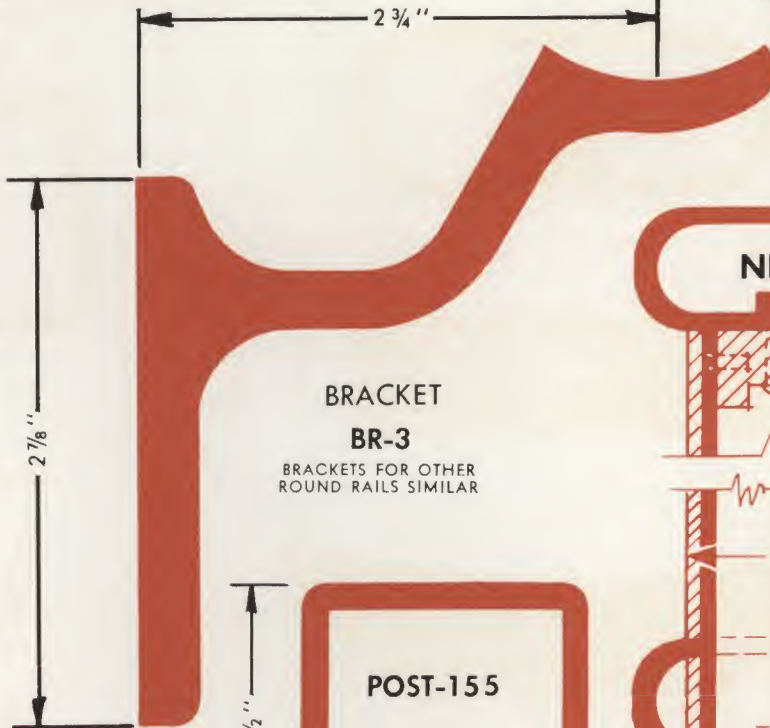
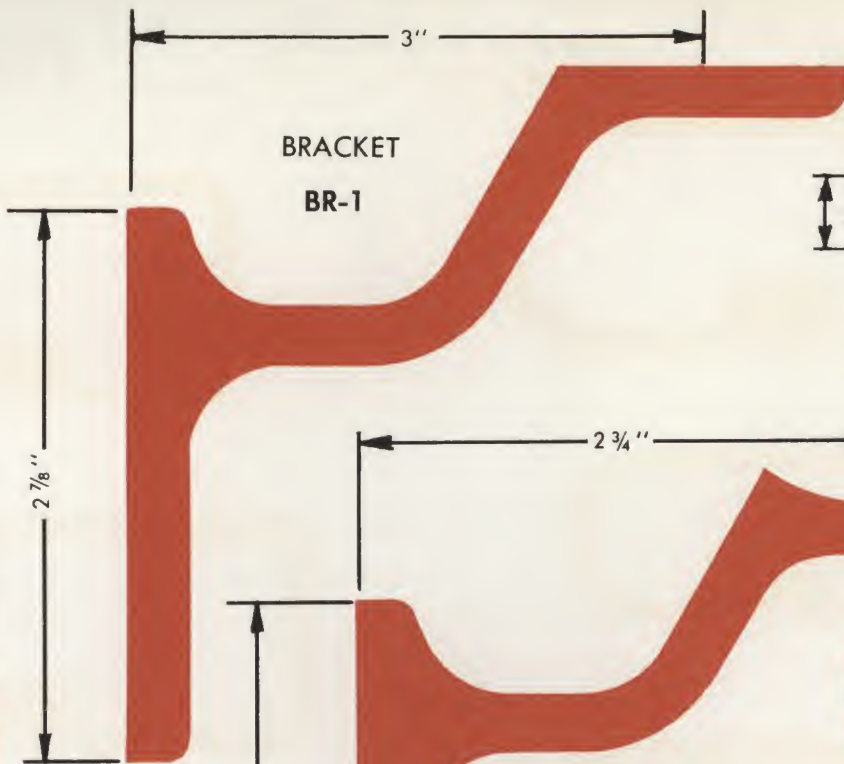
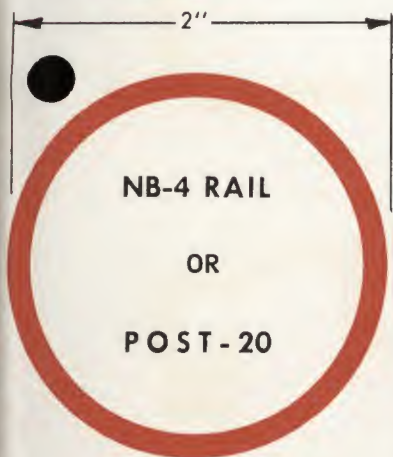
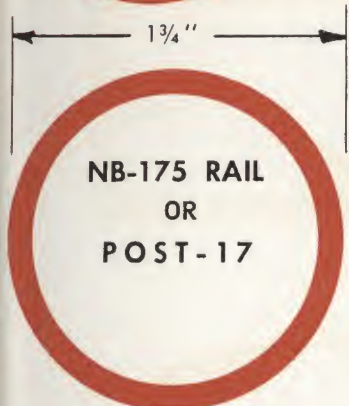
ALL COVER PLATES SIMILAR WITH PART NUMBER DESIGNATION THE SAME AS CORRESPONDING POST NUMBER

FLOOR FLANGES... FASTENING WITH WOOD SCREWS, EXPANSION BOLTS OR TO SUIT CONDITIONS.

FULL SIZE



DETAILS



HALF-FULL SIZE
SECTION SHOWING TYPICAL
ECONO-RAIL CONSTRUCTION

with not less than 1/8" thick walls

STRENGTH.....VERSATILITY.....ECONOMY

ALL THESE ARE AVAILABLE WITH NEWMAN RAILS. A COMPLETE LINE, FOR ANY BUILDING OR CONDITION

ECONO-RAILS with patented double wall construction combines all of the requisite qualities of strength with substantial savings over old style railings because welding at the post connections is completely eliminated. PANL-RAILS offer a unique system of construction resulting in an aluminum rail of surprisingly low cost, comparing in price with iron pipe!

SUGGESTED SPECIFICATIONS

All tubular railing to be as manufactured by Newman Brothers, Inc., Cincinnati, Ohio of ECONO-RAIL double-wall construction or PANL-RAIL construction. Railings shall be made of heavy wall extruded aluminum alloy #6063-ST5. All fittings to be non-ferrous metal. Joints between vertical and horizontal members shall be accurately machined to be sharp and true and free from discolorations. Finish shall be brushed-satin and waxed (for interior railings) or brushed-satin anodized 201-K (for exterior railings). Railings shall be completely factory-assembled and pre-finished, with all necessary fastenings, ready to erect.

NEWMAN RAILS ARE SHIPPED TO JOB SITES ALL OVER THE WORLD . . . COMPLETELY PREFINISHED AND ASSEMBLED AND READY TO BE INSTALLED. COMPONENT PARTS ARE NOT SOLD SEPARATELY, THUS ELIMINATING THE POSSIBILITY OF RAILINGS BEING FABRICATED BY INEXPERIENCED HANDS!

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Denver 16 • 266-2475

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Boston, Mass. • 729-5670

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Phila. 2, Pa. • 735-4727

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Washington • 966-7277

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Florida Distributors
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Atlanta (Tucker)
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Joe Halm Bldg. Specialties
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Chicago (LaGrange)
354-8220

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Indianapolis • 545-0788

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Kansas City 3 • JO 2-5850

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Ideal Bldg. Mat'ls.
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Alumaglass Bldgs.
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New Orleans • 486-6581

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Buffalo (Snyder)
839-4550

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Dayton 9 • 293-2161

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